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**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

(Use as many sheets as necessary)

Sheet	1	of	1	Attorney Docket Number	UMY-055
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Complete if Known

Application Number	10/735461-Conf. #3119
Filing Date	December 11, 2003
First Named Inventor	Michael P. CZECH
Art Unit	1635
Examiner Name	J. B. Ashern

U.S. PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ² (if known)			
RS	A1*	US-5,958,773	09-28-1999	Monia et al.	
	A2*	US-20030084471-A1	05-01-2003	Beach et al.	
	A3*	US-20030157514-A1	08-21-2003	Finger et al.	
RS	A4*	US-20030228597-A1	12-11-2003	Cowsert et al.	

FOREIGN PATENT DOCUMENTS

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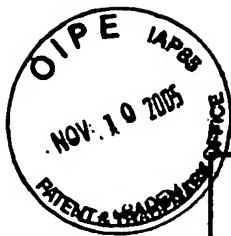
NON PATENT LITERATURE DOCUMENTS

Examiner Initials	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
RS	C1	Glasspool-Malone, Jill, et al., "Efficient Nonviral Cutaneous Transfection," <i>Molecular Therapy</i> , Vol. 2(2):140-146 (2000)	
RS	C2	Spiller, David G., et al., "Improving the Intracellular Delivery and Molecular Efficacy of Antisense Oligonucleotides in Chronic Myeloid Leukemia Cells: A Comparison of Streptolysin-O Permeabilization, Electroporation, and Lipophilic Conjugation," <i>Blood</i> , Vol. 91(12):4738-4746 (1998)	
RS	C3	Gehl, J., "Electroporation: theory and methods, perspectives for drug delivery, gene therapy adn research," <i>Acta Physiol Scand</i> , Vol. 177:437-447 (2003)	

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K	C1	Alessi, Dario, et al., "3-Phosphoinositide-dependent protein kinase-1 (PDK1): structural and functional homology with the Drosophila DSTPK61 kinase," <i>Current Biology</i> , Vol. 7:776-789 (1997)			
	C2	Brazil, Derek P., et al., "Ten years of protein kinase B signalling: a hard Akt to follow," <i>Trends in Biochemical Sciences</i> , Vol. 26(11):657-664 (2001)			
	C3	Brummelkamp, Thijn R., et al., "A System for Stable Expression of Short Interfering RNAs in Mammalian Cells," <i>Science</i> , Vol. 296:550-553 (2002)			
	C4	Calegari, Federica, et al., "Tissue-specific RNA interference in postimplantation mouse embryos with endonuclease-prepared short interfering RNA," <i>PNAS</i> , Vol. 99(22):14236-14240 (2002)			
	C5	Calera, Monica R., et al., "Insulin Increases the Association of Akt-2 with Glut4-containing Vesicles," <i>The Journal of Biological Chemistry</i> , Vol. 273(13):7201-7204 (1998)			
	C6	Chiu, Ya-Lin, et al., "RNAi in Human Cells: Basic Structural and Functional Features of Small Interfering RNA," <i>Molecular Cell</i> , Vol. 10:549-561 (2002)			
	C7	Cho, Han, et al., "Akt1/PKB α Is Required for Normal Growth but dispensable for Maintenance of Glucose Homeostasis in Mice," <i>The Journal of Biological Chemistry</i> , Vol. 276(42):38349-38352 (2001)			
	C8	Cho, Han, et al., "Insulin Resistance and a Diabetes Mellitus-Like Syndrome in Mice Lacking the Protein Kinase Akt2 (PKB β)," <i>Science</i> , Vol. 292:1728-1731 (2001)			
	C9	Cohen, Philip, et al., "The renaissance of GSK3," <i>Molecular Cell Biology</i> , Vol. 2:769-776 (2001)			
	C10	Cross, Darren A.E., et al., "Inhibition of glycogen synthase kinase-3 by insulin mediated by protein kinase B," <i>Nature</i> , Vol. 378:785-789 (1995)			
	C11	Elbashir, Sayda M., et al., "Duplexes of 21-nucleotide RNAs mediate RNA interference in cultured mammalian cells," <i>Nature</i> , Vol. 411:494-498 (2001)			
	C12	Harrison, Scott A., et al., "Insulin Regulation of Hexose Transport in Mouse 3T3-L1 Cells Expressing the Human HepG2 Glucose Transporter," <i>The Journal of Biological Chemistry</i> , Vol. 265(33):20106-20116 (1990)			
	C13	Hill, Michelle M., et al., "A Role for Protein Kinase B β /Akt2 in Insulin-Stimulated GLUT4 Translocation in Adipocytes," <i>Molecular and Cellular Biology</i> , Vol. 19(11):7771-7781 (1999)			
	C14	Kohn, Almee D., et al., "Expression of a Constitutively Active Akt Ser/Thr Kinase in 3T3-L1 Adipocytes Stimulates Glucose Uptake and Glucose Transporter 4 Translocation," <i>The Journal of Biological Chemistry</i> , Vol. 271(49):31372-31378 (1996)			

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		Art Unit	1635
		Examiner Name	J.B. Ashen
		Attorney Docket Number	UMY-055
Sheet	2	of	2

<i>KS</i>	C15	Kotani, Ko, et al., "Requirement of Atypical Protein Kinase C λ for Insulin Stimulation of Glucose Uptake but Not for Akt Activation in 3T3-L1 Adipocytes," <i>Molecular and Cellular Biology</i> , Vol. 18(12):6971-6982 (1998)	
	C16	Lee, Nan Sook, et al., "Expression of small interfering RNAs targeted against HIV-1 rev transcripts in human cells," <i>nature biotechnology</i> , Vol. 19:500-505 (2002)	
	C17	Lewis, David L., "Efficient delivery of siRNA for inhibition of gene expression in postnatal mice," <i>nature genetics</i> , Vol. 32:107-108 (2002)	
	C18	McManus, Michael T., "Gene silencing using micro-RNA designed hairpins," <i>RNA</i> , Vol. 8:842-850 (2002)	
	C19	Miyagishi, Makoto, et al., "U6 promoter-driven siRNAs with four uridine 3' overhangs efficiently suppress targeted gene expression in mammalian cells," <i>nature biotechnology</i> , Vol. 19:497-500 (2002)	
	C20	Okabe, Masataka, et al., "Translational repression determines a neuronal potential in Drosophila asymmetric cell division," <i>Nature</i> , Vol. 411:94-98 (2001)	
	C21	Paddison, Patrick J., et al., "Short hairpin RNAs (shRNAs) induce sequence-specific silencing in mammalian cells," <i>Genes & Development</i> , Vol. 16:948-958 (2002)	
	C22	Paul, Cynthia P., et al., "Effective expression of small interfering RNA in human cells," <i>nature biotechnology</i> , Vol. 29:505-508 (2002)	
	C23	Scherr, Michaela, et al., "Gene Silencing Mediated by Small Interfering RNAs in Mammalian Cells," <i>Current Medicinal Chemistry</i> , Vol. 10:245-256 (2003)	
	C24	Sharp, Phillip A., "RNA interference - 2001," <i>Genes & Development</i> , Vol. 15:485-490 (2001)	
	C25	Spiller, David G., et al., "Improving the Intracellular Delivery and Molecular Efficacy of Antisense Oligonucleotides in Chronic Myeloid Leukemia Cells: A Comparison of Streptolysin-O Permeabilization, Electroporation, and Lipophilic Conjugation," <i>Blood</i> , Vol. 91(12):4738-4746 (1998)	
	C26	Sui, Guangchao, et al., "A DNA vector-based RNAi technology to suppress gene expression in mammalian cells," <i>PNAS</i> , Vol. 99(8):515-5520 (2002)	
	C27	Summers, Scott A., et al., "Differentiation-dependent Suppression of Platelet-derived Growth Factor Signaling in Cultured Adipocytes," <i>The Journal of Biological Chemistry</i> , Vol. 274(34):23858-23867 (1999)	
	C28	Tuschl, Thomas, "Expanding small RNA interference," <i>nature biotechnology</i> , Vol. 20:446-448 (2002)	
	C29	Ueki, Kohjiro, et al., "Potential Role of Protein Kinase B in Insulin-induced Glucose Transport, Glycogen Synthesis, and Protein Synthesis," <i>The Journal of Biological Chemistry</i> , Vol. 273(9):5315-5322 (1998)	
	C30	Wang, Qinghua, et al., "Protein Kinase B/Akt Participates in GLUT4 Translocation by Insulin in L6 Myoblasts," <i>Molecular and Cellular Biology</i> , Vol. 19(6):4008-4018 (1999)	
	C31	Williams, Michayla R., et al., "The role of 3-phosphoinositide-dependent protein kinase 1 in activating AGC kinases defined in embryonic stem cells," <i>Current Biology</i> , Vol. 10:439-448 (2000)	
	C32	Yu, Jenn-Yah, et al., "RNA interference by expression of short-interfering RNAs and hairpin RNAs in mammalian cells," <i>PNAS</i> , Vol. 99(9):6047-6052 (2002)	
<i>KS</i>	C33	Zeng, Yan, et al., "Both natural and Designated Micro RNAs Can Inhibit the Expression of Cognate mRNAs When Expressed in Human Cells," <i>Molecular Cell</i> , Vol. 9:1327-1333 (2002)	

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